

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
**WO 2005/063577 A1**

(51) International Patent Classification<sup>7</sup>: **B64D 13/08**

(21) International Application Number:  
PCT/EP2004/014858

(22) International Filing Date:  
30 December 2004 (30.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
103 61 646.2 30 December 2003 (30.12.2003) DE

(71) Applicant (for all designated States except US): **AIRBUS  
DEUTSCHLAND GMBH** [DE/DE]; Kreetzlag 10, 21129  
Hamburg (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CENTOFANTE,  
Nico** [DE/DE]; Lobuschstrasse 10, 22765 Hamburg (DE).  
**PETRAC, Markus** [DE/DE]; Auf der Hain 10 d, 21717

Deinste (DE). **SCHERER, Thomas** [DE/DE]; Tinsdaler  
Kirchenweg 228 a, 22559 Hamburg (DE). **BUCHHOLZ,  
Uwe** [DE/DE]; Auf der Worth 17, 21640 Bliedersdorf  
(DE).

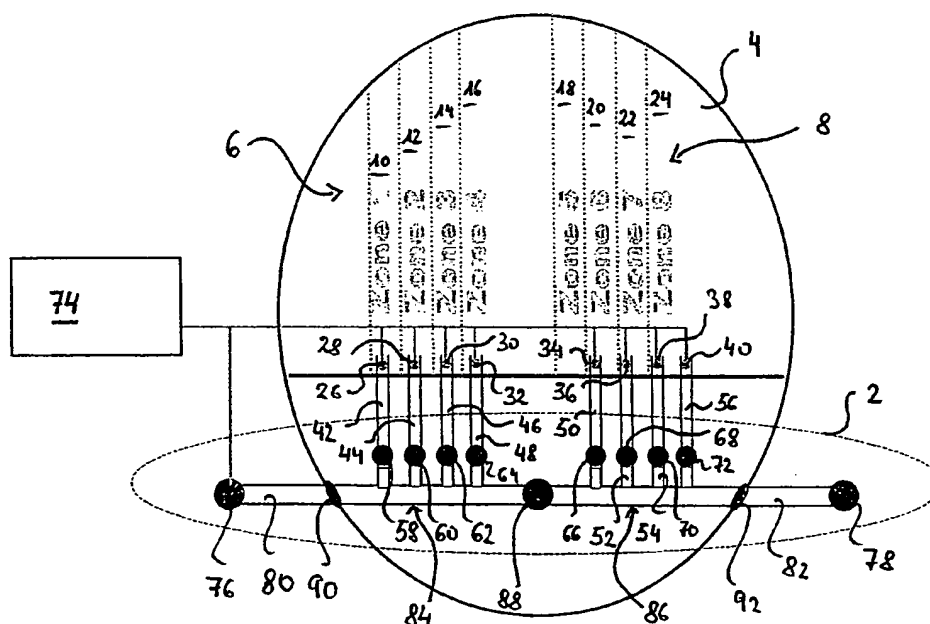
(74) Agent: **BEYER, Andreas; WUESTHOFF &  
WUESTHOFF**, Schweigerstrasse 2, 81541 München  
(DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: **DEVICE AND METHOD FOR TEMPERATURE CONTROL IN AN AIRCRAFT CABIN**



(57) Abstract: Device and method for temperature control in an aircraft cabin (104) wherein is controlled with a first supply control arrangement the supply of heated air from a first source into a first temperature area (106) of the aircraft cabin (104) depending upon a specified first temperature for the first temperature area and with a first pressure control arrangement (176) a current pressure of the heated air supply from the first source in the first supply control arrangement in the event of a malfunction of the first supply control arrangement depending upon the specified first temperature.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— with international search report